

Title (en)
Improved process for producing moxonidine

Title (de)
Verbessertes Verfahren zur Herstellung von Moxonidine

Title (fr)
Procédé amélioré pour la production de la moxonidine

Publication
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Application
EP 06013133 A 20060626

Priority
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Abstract (en)
[origin: EP1982983A1] The present invention provides improved process for production of highly pure Moxonidine comprising reacting the starting material 6-dichloro-2-methyl-5-(1-acetyl-2-imidazolin-2-yl)-aminopyrimidine (DMAIA) with different bases (e.g., sodium hydroxide or potassium hydroxide), thus avoiding the use of sodium methoxide while carrying out the reaction at milder conditions. While using sodium methoxide, is not needed to use methanol as solvent and a more friendly class 3 solvent (e.g., DMSO) is used instead. The reaction may be carried out at ambient temperature and it is not necessary to use two-fold excess of the base as about 1.0-1.1 molar excess of sodium methoxide in relation to DMAIA is sufficient.

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C07D 403/12 (2006.01)

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Cited by
DE102012215896A1; EP2765131A1; EP2738165A1; CN105121431A; EP2829540A1; WO2014037391A1; WO2015011010A1; WO2014140034A1

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